

IN THE CLAIMS:

Please cancel claim 2. Please amend claims 1, 4, and 17 as follows:

1. A method to determine whether a substance is an inhibitor or a ligand of a protein, comprising:

incubating said substance with a mixture, wherein said mixture comprises:

- a) a protein, which contains at least one catalytic domain and at least one binding domain,
- b) at least one marker substrate, which binds to the catalytic domain and is converted by the protein, and
- c) at least one substrate, which can bind to the catalytic domain and to the binding domain; and

comparing the conversion of the marker substrate in the presence of the test substance with the corresponding conversion in control mixtures A and B,

wherein the control mixture A comprises the protein and the marker substrate; and the control mixture B comprises the protein, the substrate and the marker substrate.

4. A test kit for carrying out the method as claimed in either one of claims 1 or 3, comprising:

- a) a protein which has at least one catalytic domain and at least one binding domain,
- b) a marker substrate which binds to the catalytic domain and is converted by the protein, and
- c) a substrate which can bind to the catalytic domain and to the binding domain.